

100

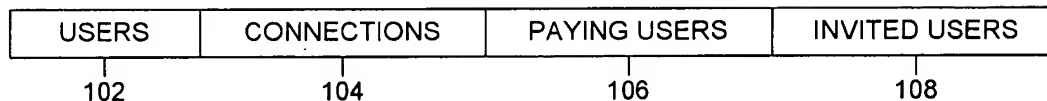


FIG. 1

103

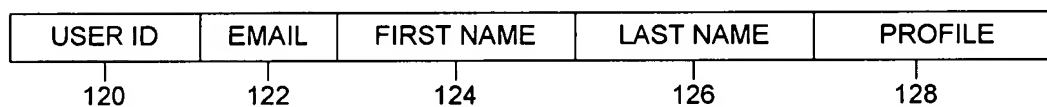


FIG. 2

104

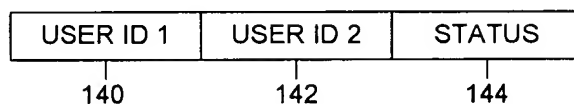


FIG. 3

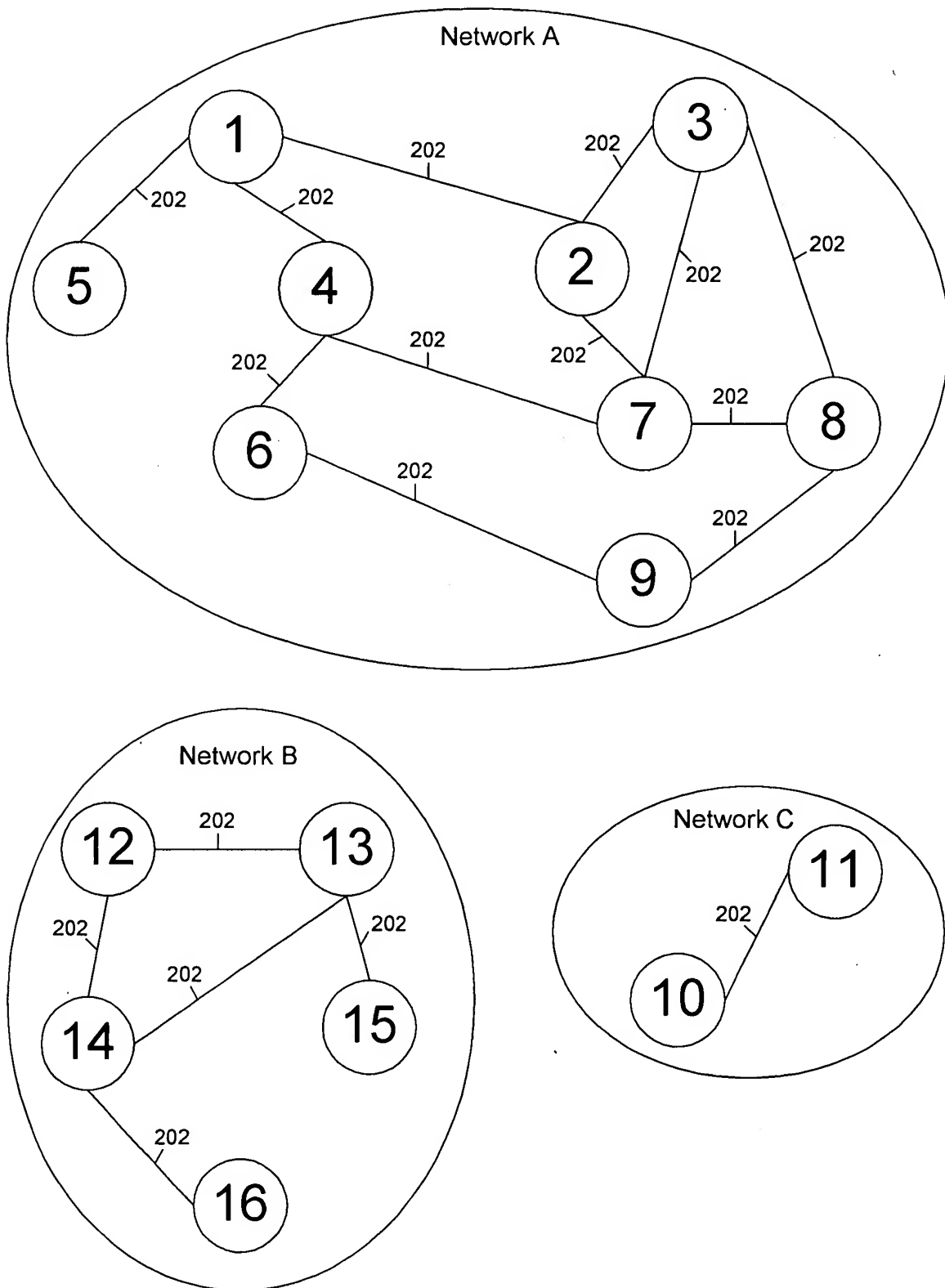


FIG. 4

| user_id_1 | user_id_2 | status |
|-----------|-----------|--------|
| 1         | 5         | A      |
| 1         | 4         | A      |
| 1         | 2         | A      |
| 4         | 6         | A      |
| 4         | 7         | A      |
| 2         | 7         | A      |
| 2         | 3         | A      |
| 3         | 7         | A      |
| 3         | 8         | A      |
| 7         | 8         | A      |
| 6         | 9         | A      |
| 8         | 9         | A      |
| 12        | 13        | A      |
| 12        | 14        | A      |
| 13        | 14        | A      |
| 13        | 15        | A      |
| 14        | 16        | A      |
| 10        | 11        | A      |

FIG. 5



| user_id_1 | user_id_2 | status |
|-----------|-----------|--------|
| 1         | 5         | A      |
| 1         | 4         | A      |
| 1         | 2         | A      |
| 4         | 6         | A      |
| 4         | 7         | A      |
| 2         | 7         | A      |
| 2         | 3         | A      |
| 3         | 7         | A      |
| 3         | 8         | A      |
| 7         | 8         | A      |
| 6         | 9         | A      |
| 8         | 9         | A      |
| 12        | 13        | A      |
| 12        | 14        | A      |
| 13        | 14        | A      |
| 13        | 15        | A      |
| 14        | 16        | A      |
| 10        | 11        | A      |

FIG. 7

300

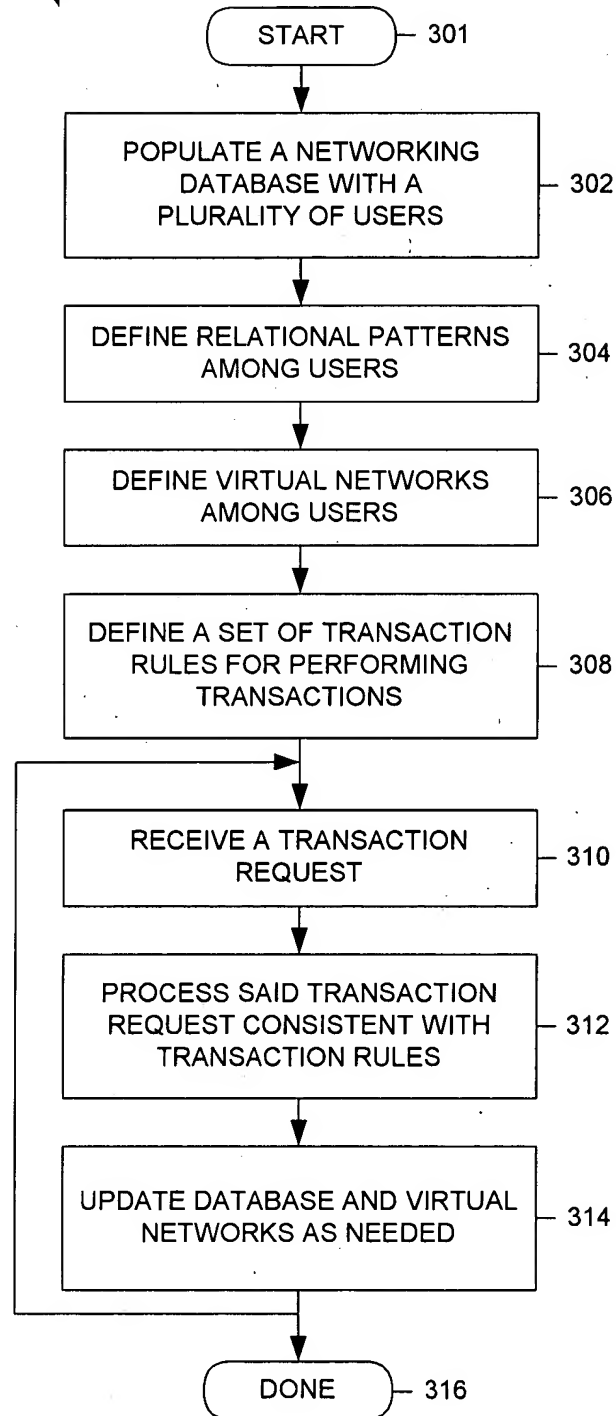


FIG. 8

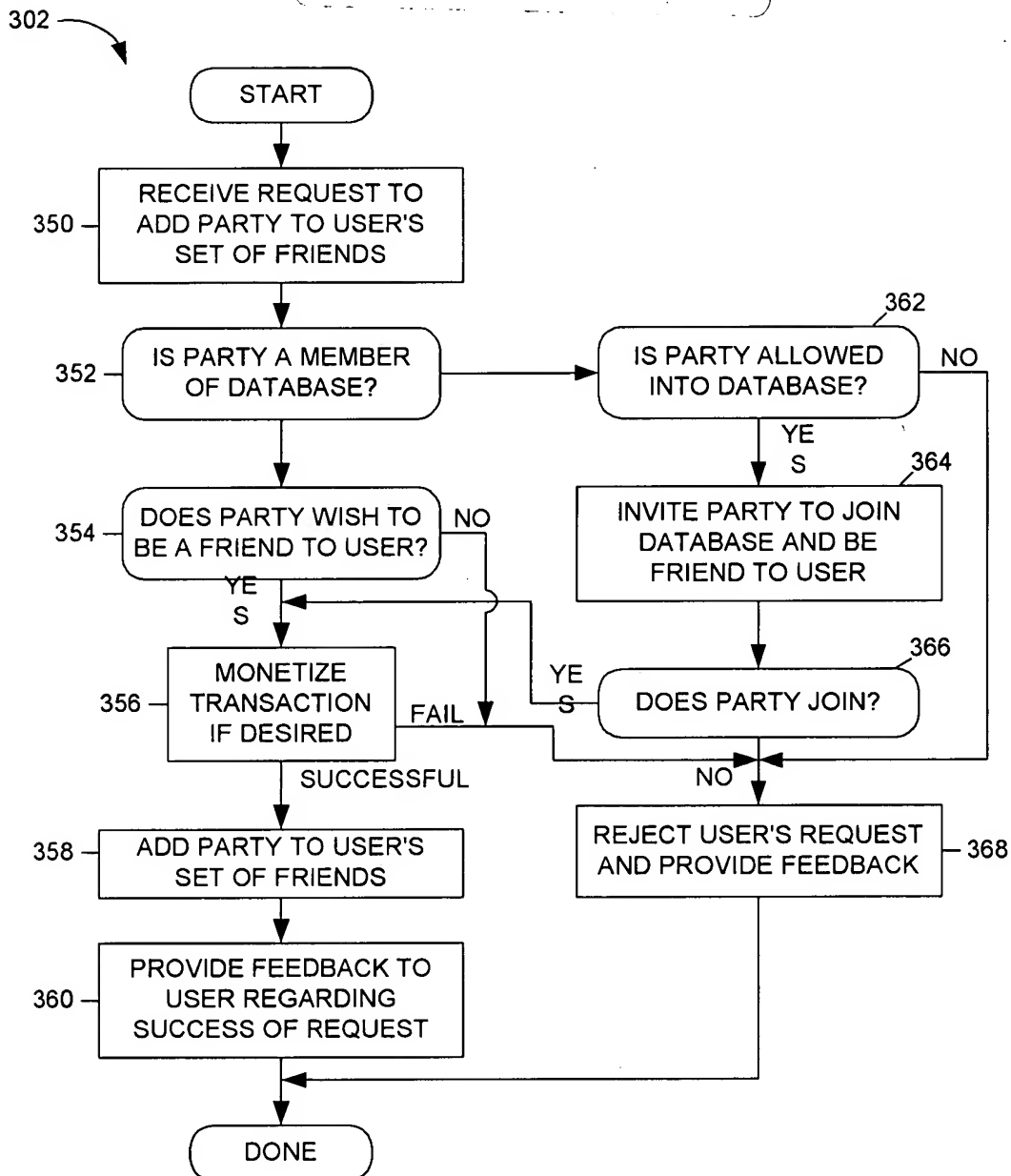


FIG. 9

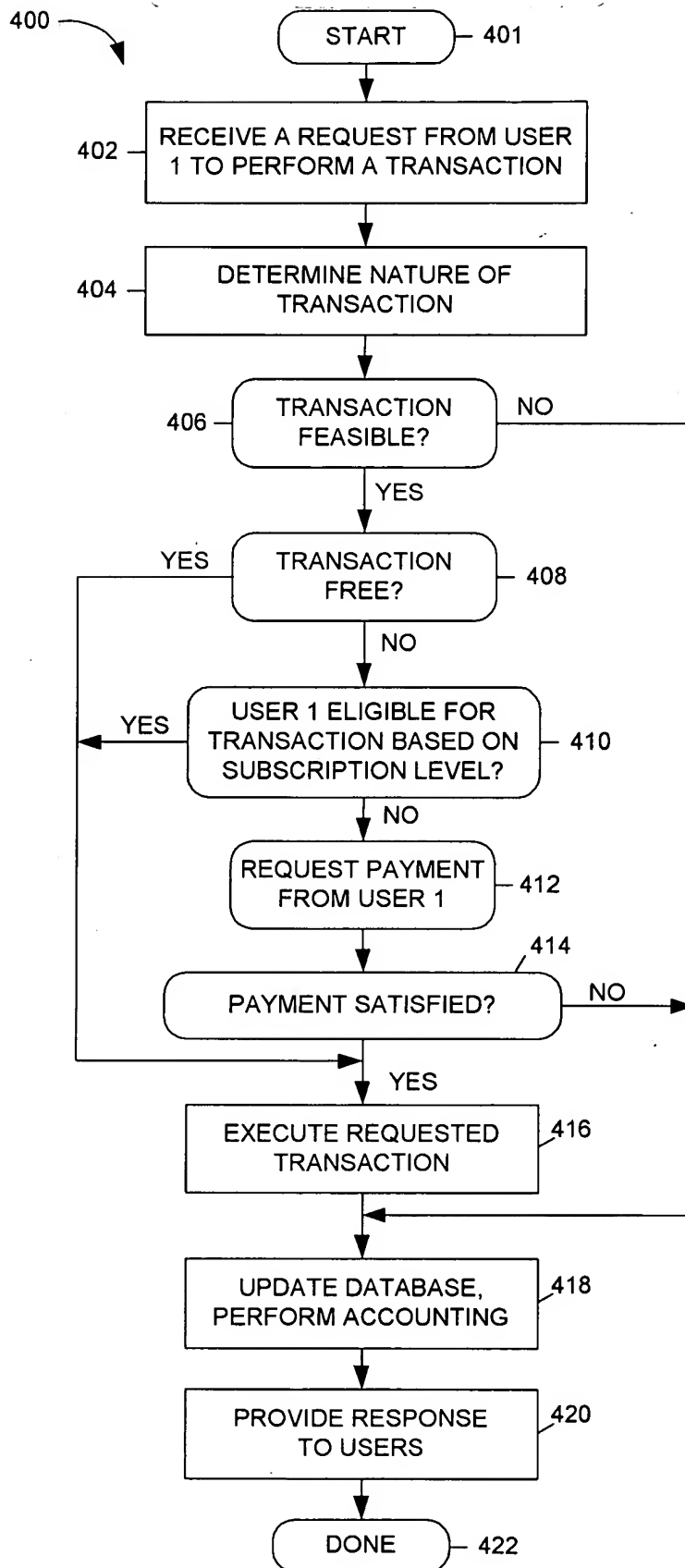


FIG. 10



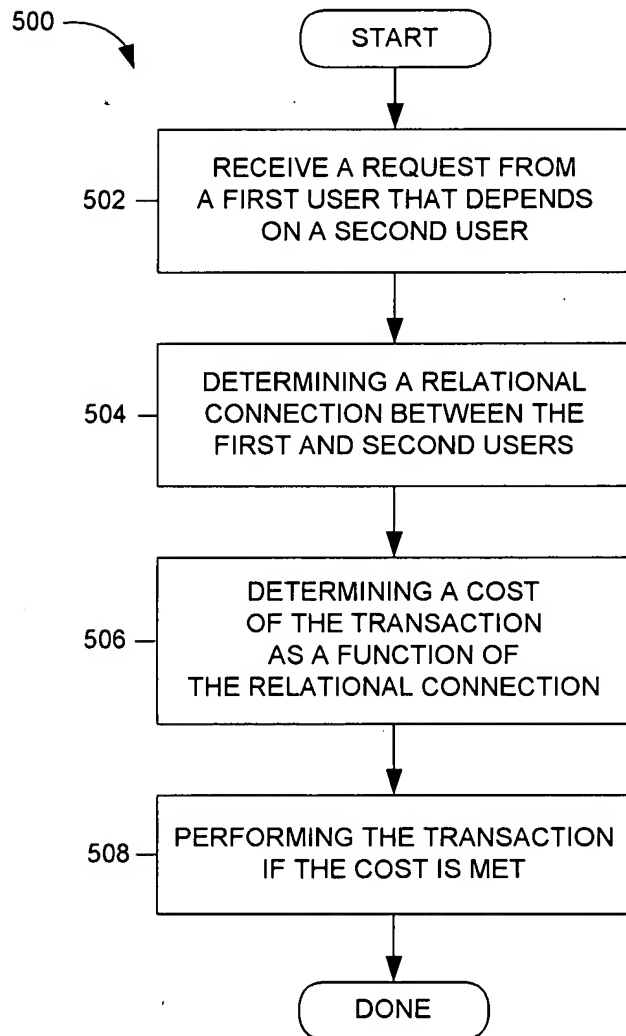


FIG. 11